

ABSTRACT

5 The method serves for calling a substation (US_m) by a central station (Z) in
a transmission system for the purposes of information transmission by way of a
communication channel (m) called from a plurality of communication channels. The
plurality of communication channels is subdivided into communication groups (GRI,
10 GRII, GRIII) of the same property or the same parameter values. Within a selected
communication group (GRII) a communication channel (m) is called, which is still
communication-free. If all (n) communication channels of the communication group
(GRII) are already busy, the central station (Z) goes into a waiting condition until
at least one of the communication channels of the communication group (GRII)
becomes communication-free. The method permits optimum, parallel and
15 synchronous utilisation of all available communication means for a group of the
substations so that the central station (Z) by way of communication channels of
that group acquires simultaneously and in optimum fashion data, in particular
measurement data of electricity meters, of all associated substations.

20 (Figure 1)